

Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	10/583,464
		Filing Date	January 16, 2007
		First Named Inventor	Arumugham, Rasappa G.
		Art Unit	1648
		Examiner Name	Emily M. Le
Sheet	1	of	3
		Attorney Docket Number	025721-000110US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	64	5,380,897	11-01-1994	Anderson et al.	Cited by ex in 140US case
	65	4,882,317	11-21-1989	Marburg et al.	Cited in C-110US OA
	67	6,787,523	09-07-2004	Schenk	J-004720US
	68	6,787,143	09-07-2004	Schenk	J-004722US
	69	6,787,138	09-07-2004	Schenk	J-004723US
	70	6,787,144	09-07-2004	Schenk	J-004724US
	71	6,787,139	09-07-2004	Schenk	J-004725US
	72	6,787,140	09-07-2004	Schenk	J-004726US
	73	6,866,850	03-15-2005	Schenk	J-004727US
	74	6,818,218	11-16-2004	Schenk	J-004728US
	75	6,866,849	03-15-2005	Schenk	J-004729US
	76	6,808,712	10-26-2004	Schenk	J-004733US
	77	7,014,855	03-21-2006	Schenk	J-004738US
	78	6,982,084	01-03-2006	Schenk	J-004738US
	79	6,962,707	01-08-2005	Schenk	J-004739US
	80	6,710,226	03-23-2004	Schenk	J-004744US
	81	2004/0265308 (Abn)	12-30-2004	Schenk	J-004746US
	82	2004/0219146 (Abn)	11-04-2004	Schenk	J-004747US
	83	2005/0013815	01-20-2005	Schenk	J-04748US
	84	2005/0048049 (Abn)	03-03-2005	Schenk	J-004749US
	85	6,905,686	06-14-2005	Schenk	J-004751US
	86	6,743,427	06-01-2004	Schenk	J-004752US
	87	2005/0019328 (Abn)	01-27-2005	Schenk et al.	J-004754US
	88	2005/0142132 (Abn)	06-30-2005	Schenk et al.	J-004755US
	89	6,761,888	07-13-2004	Schenk	J-004760US
	90	6,750,324	06-15-2004	Schenk et al.	J-004761US
	91	6,787,637	09-07-2004	Schenk	J-004764US
	92	7,575,880	08-18-2009	Schenk et al.	J-004765US
	93	2005/0059802	03-17-2005	Schenk et al.	J-004766US
	94	2005/0158304 (Abn)	07-21-2005	Schenk et al.	J-004767US
	95	2004/0247590 (Abn)	12-09-2004	Schenk et al.	J-004768US
	96	2004/0265301 (Abn)	12-30-2004	Schenk et al.	J-004769US
	97	7,588,766	09-15-2009	Schenk	J-004771US
	98	2005/0059591 (Abn)	03-17-2005	Schenk et al.	J-004773US
	99	2005/0255122 (Abn)	11-17-2005	Schenk	J-472000US
Examiner Signature				Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **2** of **3****Complete if Known**

Application Number	10/583,464
Filing Date	January 16, 2007
First Named Inventor	Arumugham, Rasappa G.
Art Unit	1648
Examiner Name	Emily M. Le
Attorney Docket Number	025721-000110US

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup>	Number Kind Code <sup>3</sup> (if known)			
	100	2005/019314	(Abn)	09-01-2005	Schenk	J-472001US
	101	2006/0034858		02-16-2006	Schenk	J-472002US
	102	6,946,135		09-20-2005	Schenk	J-472003US
	103	2006/0029611		02-09-2006	Schenk	J-472004US
	104	6,972,127		12-06-2005	Schenk	J-472005US
	105	2005/0163788	(Abn)	07-28-2005	Schenk	J-472008US
	106	2005/0196399	(Abn)	09-08-2005	Schenk	J-474000US
	107	2005/0249727	(Abn)	11-10-2005	Schenk	J-474300US
	108	2005/0191292	(Abn)	09-01-2005	Schenk	J-474301US
	109	2005/0019330		01-27-2005	Schenk et al.	J-474302US
	110	2004/0081657		04-29-2004	Schenk	J-474303US
	111	2009/0297511		12-03-2009	Schenk	J-474700US
	112	2009/0191231		07-30-2009	Schenk et al.	J-477101US
	113	2008/0227719	(Abn)	09-18-2008	Schenk et al.	J-477102US
	114	2008/0227718		09-18-2008	Schenk et al.	J-477103US
	115	2008/0096818	(Abn)	04-24-2008	Schenk et al.	J-477105US
	116	6,890,535		05-10-2005	Schenk	
	117	6,875,434		04-05-2005	Schenk	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code <sup>2</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)				
	57	EP	1 321 466	A1	06-25-2006	Randox Lab Ltd		<input type="checkbox"/>
	58	WO	93/15760	A1	08-19-1993			<input type="checkbox"/>

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				<b>Application Number</b>	10/583,464
				<b>Filing Date</b>	January 16, 2007
				<b>First Named Inventor</b>	Arumugham, Rasappa G.
				<b>Art Unit</b>	1648
				<b>Examiner Name</b>	Emily M. Le
<b>Sheet</b>	3	of	3	<b>Attorney Docket Number</b>	025721-000110US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	62	ASKELOF et al., "Protective Immunogenicity of Two Synthetic Peptides Selected From the Amino Acid Sequence of Bordetella Pertussis Toxin Subunit S1," <u>Microbiology</u> , Pro. Natl. Acad. Sci., 87:1347-1351 (1990).	<input type="checkbox"/>	
	66	BRINKLEY, "A Brief Survey of Methods for Preparing Protein Conjugates with Dyes, Haptens, and Cross-Linking Reagents," <u>Bioconjugate Chem.</u> 3:2-13 (1992).	<input type="checkbox"/>	
	59	BRUNSWICK et al., "Picogram Quantities of Anti-Ig Antibodies Coupled to Dextran Induce B Cell Proliferation," <u>Association of Immunologist</u> , 140(10):3364-3372 (1988).	<input type="checkbox"/>	
	60	HERMANSON, "Bioconjugate Techniques," Academic Press, pgs. 514-515 (1996).	<input type="checkbox"/>	
	61	Supplementary European Search Report dated 08/31/2009 for application EP 04817081.	<input type="checkbox"/>	

<b>Examiner Signature</b>		<b>Date Considered</b>	
---------------------------	--	------------------------	--

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). \* Applicant is to place a check mark here if English language Translation is attached